

# Neuroscience Major

**B.S. in Neuroscience - Curriculum Map 2019-2020**  
**Catalog**

Print as PDF Curriculum Map (<http://catalog.norwich.edu/residentialprogramscatalog/currmaps/neuro/neuro.pdf>)

| Course   | Cr. Comp. | Course  | Cr. Comp. |
|--|-----------|---|-----------|
| <b>FRESHMAN</b>  |           |   |           |
| <b>Fall</b>  |           | <b>Spring</b>   |           |
| EN 101 Composition and Literature I  | 3         | EN 102 Composition and Literature II  | 3         |
| BI 101 Principles of Biology I (General Education Lab Science) <sup>1</sup>  | 4         | PY 211 Introduction to Psychology (General Education Social Science)  | 3         |
| CH 103 General Chemistry I (General Education Lab Science)   | 4         | CH 104 General Chemistry II   | 4         |
| MA 107 Precalculus Mathematics   | 4         | MA 108 Applied Calculus (General Education Math)  | 4         |
| Fall Semester Total Cr.:   |           | Spring Semester Total Cr.:  |           |
| 15   |           | 14  |           |
| <b>SOPHOMORE</b>   |           |   |           |
| <b>Fall</b>  |           | <b>Spring</b>   |           |
| BI 215 Human Anatomy & Physiology I <sup>1</sup>   | 4         | BI 226 Cell Biology <sup>1</sup>  | 4         |
| BI 303 Genetics <sup>1</sup>   | 4         | General Education Literature ( <a href="http://catalog.norwich.edu/archives/2019-20/residentialprogramscatalog/generaleducationgoals">http://catalog.norwich.edu/archives/2019-20/residentialprogramscatalog/generaleducationgoals</a> )        | 3         |
| CH 225 Organic Chemistry I   | 4         | MA 232 Elementary Statistics (General Education Math)   | 3         |
| General Education Leadership ( <a href="http://catalog.norwich.edu/archives/2019-20/residentialprogramscatalog/generaleducationgoals">http://catalog.norwich.edu/archives/2019-20/residentialprogramscatalog/generaleducationgoals</a> ) | 1-3       | PY 263 Perception   | 3         |
| PY 230 Biopsychology   | 3         | Free Elective   | 3         |
| Fall Semester Total Cr.:   |           | Spring Semester Total Cr.:  |           |
| 16-18  |           | 16  |           |
| <b>JUNIOR</b>  |           |   |           |
| <b>Fall</b>  |           | <b>Spring</b>   |           |
| BI 370 Introduction to Neuroscience <sup>1</sup>   | 4         | PY 344 Cognition  | 4         |
| PS 201 General Physics I   | 4         | PS 202 General Physics II   | 4         |
| BI 300-400 Elective OR   | 4-3       | BI 300-400 Elective OR  | 3-4       |
| PY 313 Experimental Psychology I   |           | PY 314 Experimental Psychology II   |           |
| Free Elective  | 3         | General Education History ( <a href="http://catalog.norwich.edu/archives/2019-20/residentialprogramscatalog/generaleducationgoals">http://catalog.norwich.edu/archives/2019-20/residentialprogramscatalog/generaleducationgoals</a> )           | 3         |
|  |           | Free Elective   | 3         |
| Fall Semester Total Cr.:   |           | Spring Semester Total Cr.:  |           |
| 15-14  |           | 17-18   |           |
| <b>SENIOR</b>  |           |   |           |
| <b>Fall</b>  |           | <b>Spring</b>   |           |
| BI 415 Neuroanatomy (or in Junior year) <sup>1</sup>   | 4         | BI 420 Diseases of the Nervous System (or in Junior year) <sup>1</sup>  | 4         |
| BI 401 Senior Seminar (General Education Capstone) <sup>1</sup><br>or PY 401 Senior Seminar  | 3         | BI Elective <sup>1</sup>  | 4         |
| PH 303 Survey of Ethics (General Education Ethics)<br>or 350 Medical Ethics  | 3         | General Education Arts & Humanities ( <a href="http://catalog.norwich.edu/archives/2019-20/residentialprogramscatalog/generaleducationgoals">http://catalog.norwich.edu/archives/2019-20/residentialprogramscatalog/generaleducationgoals</a> ) | 3         |
| PY Elective  | 3         | Free Elective   | 3         |
| Free Elective  | 3         |   |           |
| Fall Semester Total Cr.:   |           | Spring Semester Total Cr.:  |           |
| 16   |           | 14  |           |
| TOTAL CREDITS FOR THIS MAJOR: 123-125  |           |   |           |

<sup>1</sup> Grade of C or higher required.